



## Certificate of Analysis

Report Date: Aug 24 2016 4:31PM

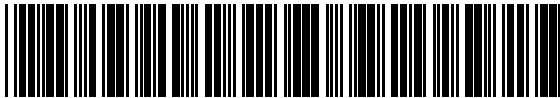
Expiration Date: Oct 1 2016 11:23AM

**Customer:** OM Extracts  
175 Lomas Rd, Jacksonville, OR 97530

**Sample Num:** PD160713-010

**Comments:**

**Sample Name:** OSPK Mango B#1324-070616-3 (wax)  
**Sample Type:** Concentrate  
**Sample Num:** PD160713-010  
**Sample Date:** Jul 13 2016 11:24AM  
**Received (g):** 1.5  
**Received By:** TEM



PD160713-010

Requested Tests	Method	Result	LOQ	Unit	Analyzed By	Analyzed Date
<b>Cannabinoid Profile</b>						
Total THC (THCa*0.877+D9THC)	HPLC/UV	72.59	0.1	%	KM	Jul 14, 2016
Total CBD (CBDa*0.877+CBD)	HPLC/UV	1.78	0.1	%	KM	Jul 14, 2016
CBD-A	HPLC/UV	2.03	0.1	%	KM	Jul 14, 2016
THC-A	HPLC/UV	75.25	0.1	%	KM	Jul 14, 2016
CBD	HPLC/UV	ND	0.1	%	KM	Jul 14, 2016
CBG	HPLC/UV	0.46	0.1	%	KM	Jul 14, 2016
CBN	HPLC/UV	0.32	0.1	%	KM	Jul 14, 2016
d9-THC	HPLC/UV	6.60	0.1	%	KM	Jul 14, 2016
d8-THC	HPLC/UV	0.23	0.1	%	KM	Jul 14, 2016
CBC	HPLC/UV	ND	0.1	%	KM	Jul 14, 2016
<b>Mold and Mildew</b>						
Total Mold	3M Petrifilm	ND	100	cfu's/g or mL	KM	Jul 14, 2016
Total Yeast	3M Petrifilm	ND	100	cfu's/g or mL	KM	Jul 14, 2016

\*ND - Measured value below LOQ   \*LOQ - Limit of Quantification   \*CFU - Colony Forming Units   \*TNTC - Too Numerous To Count

In compliance with Oregon Administrative Rules 333-007-0300 and 333-008-9000. MRX Labs operates under a TNI 2009 compliant quality system. All QC samples met requirements outlined in the SOPs. QC Data available upon request. These results relate only to the sample included in this report. Test report may not be reproduced except in full, without the written approval of MRX Labs LLC, 14775 SW 74th Ave, Tigard, OR, (503) 954-3992.

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**Comments:**

**Pesticide Analysis**

Pesticide Analysis	LC/QQQ	Pass				TZ	Aug 24, 2016
Abamectin	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Acephate	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Acequinocyl	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Acetamiprid	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Aldicarb	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Azoxystrobin	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Bifenazate	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Bifenthrin	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Boscalid	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Carbaryl	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Carbofuran	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Chlorantraniliprole	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Chlorfenapyr	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Chlorpyrifos	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Clofentezine	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Cyfluthrin	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Cypermethrin	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Daminozide	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Dichlorvos	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Diazinon	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Dimethoate	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Ethoprophos	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Etofenprox	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Etoxazole	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Fenoxycarb	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Fenpyroximate	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Fipronil	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Flonicamid	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Fludioxonil	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Hexythiazox	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Imazalil	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Imidacloprid	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016
Kresoxim-methyl	LC/QQQ	ND	0.1	ppm		TZ	Aug 24, 2016

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**Comments:**

Malathion	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Metalaxyl	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Methiocarb	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Methomyl	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Methyl parathion	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
MGK-264	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Myclobutanil (Systhane)	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Naled	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Oxamyl	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Paclobutrazol	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
cis-Permethrin	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
trans-Permethrin	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Phosmet	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Piperonyl butoxide	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Prallethrin	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Propiconazole	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Propoxur	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Pyrethrin	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Pyridaben	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Spinosad	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Spiromesifen	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Spirotetramat	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Spiroxamine	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Tebuconazole	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Thiacloprid	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Thiamethoxam	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016
Trifloxystrobin	LC/QQQ	ND	0.1	ppm	TZ	Aug 24, 2016

**Residual Solvent**

Methyl Alcohol	GC/MS Headspace	ND	80	ppm	KM	Jul 14, 2016
Ethanol	GC/MS Headspace	ND	80	ppm	KM	Jul 14, 2016
Acetone	GC/MS Headspace	ND	80	ppm	KM	Jul 14, 2016
Isopropyl Alcohol	GC/MS Headspace	ND	80	ppm	KM	Jul 14, 2016
Methylene Chloride	GC/MS Headspace	ND	80	ppm	KM	Jul 14, 2016
n-Hexane	GC/MS Headspace	ND	80	ppm	KM	Jul 14, 2016
Tetrahydrofuran	GC/MS Headspace	ND	80	ppm	KM	Jul 14, 2016

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Comments:

Benzene	GC/MS Headspace	ND	80	ppm	KM	Jul 14, 2016
Heptane	GC/MS Headspace	ND	80	ppm	KM	Jul 14, 2016
Toluene	GC/MS Headspace	ND	80	ppm	KM	Jul 14, 2016
Ethane	GC/MS Headspace	ND	80	ppm	KM	Jul 14, 2016
Propane	GC/MS Headspace	ND	80	ppm	KM	Jul 14, 2016
Isobutane	GC/MS Headspace	ND	80	ppm	KM	Jul 14, 2016
Butane	GC/MS Headspace	ND	80	ppm	KM	Jul 14, 2016
Isopentane	GC/MS Headspace	ND	80	ppm	KM	Jul 14, 2016
Pentane	GC/MS Headspace	ND	80	ppm	KM	Jul 14, 2016
Terpene						
* alpha-Pinene	GC/MS/HS	2562	50	ppm	KM	Jul 14, 2016
* Camphene	GC/MS/HS	233	50	ppm	KM	Jul 14, 2016
* Myrcene	GC/MS/HS	1192	50	ppm	KM	Jul 14, 2016
* Beta-Pinene	GC/MS/HS	1478	50	ppm	KM	Jul 14, 2016
3-Carene	GC/MS/HS	ND	50	ppm	KM	Jul 14, 2016
Alpha-Terpinene	GC/MS/HS	94	50	ppm	KM	Jul 14, 2016
* Limonene	GC/MS/HS	983	50	ppm	KM	Jul 14, 2016
Ocimene	GC/MS/HS	343	50	ppm	KM	Jul 14, 2016
Gamma-Terpinene	GC/MS/HS	129	50	ppm	KM	Jul 14, 2016
Terpinolene	GC/MS/HS	439	50	ppm	KM	Jul 14, 2016
* Linalool	GC/MS/HS	1599	50	ppm	KM	Jul 14, 2016
Isopulegol	GC/MS/HS	ND	50	ppm	KM	Jul 14, 2016
Geraniol	GC/MS/HS	ND	50	ppm	KM	Jul 14, 2016
Beta-Caryophyllene	GC/MS/HS	7471	50	ppm	KM	Jul 14, 2016
* Humulene	GC/MS/HS	2215	50	ppm	KM	Jul 14, 2016
Nerolidol	GC/MS/HS	ND	50	ppm	KM	Jul 14, 2016
trans-Nerolidol	GC/MS/HS	ND	50	ppm	KM	Jul 14, 2016
* Guaiol	GC/MS/HS	108	50	ppm	KM	Jul 14, 2016
Alpha-Bisabolol	GC/MS/HS	279	50	ppm	KM	Jul 14, 2016

Approved by:



Bjorn Fritzsche, QA Manager



Kawai Medeiros, Lab Director

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